



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

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AUG 20 1993

FACSIMILE TRANSMISSION

Department of Ecology & Investigation Branch

DATE: July 13, 93

TO: Debbie Robinson

LOCATION: EPA Seattle

FAX TELEPHONE: 206-553-0124

FROM: Paul Skillingstad

LOCATION: Chandler Ct WDOE

NO. OF PAGES 5 (INCLUDING THIS TRANSMITTAL SHEET)

COMMENTS: The Alcoa data you requested  
1st week. - the company uses well  
35A for drinking water. well  
31 is a backup.

Bob - pls send this up  
to Debbie - fml

USEPA SF



1568453

## WENATCHEE WORKS - ALCOA

DATE	WELL 31			WELL 35A		
1988	FREE CN	TOTAL CN	FLUORIDE	FREE CN	TOTAL CN	FLUORIDE
Jan 6	<.005	.081	.58	<.005	<.005	.27
Jan 20	<.005	.073	.56	<.005	<.005	.29
Feb 3	<.005	.067	.54	<.005	<.005	.29
Feb 17	<.005	.064	.54	<.005	<.005	.29
Mar 2	<.005	.060	.57	<.005	<.005	.27
Mar 25	<.005	.061	.45	<.005	<.005	.27
Apr 06	<.005	.059	.73	<.005	<.005	.31
Apr 20	<.005	.059	.53	<.005	<.005	.26
May 11	<.005	.062	.62	<.005	<.005	.32
May 25	<.005	.064	.54	<.005	<.005	.25
Jun 10	<.005	.063	.54	<.005	<.005	.26
Jun 22	<.005	.066	.56	<.005	<.005	.30
Jul 6	<.005	.067	.56	<.005	<.005	.28
Jul 27	<.005	.064	.57	<.005	<.005	.26
Aug 24	<.005	.062	.62	<.005	<.005	.30
Sept 7	<.005	.059	.66	<.005	<.005	.30
Sept 27	<.005	.065	.67	<.005	<.005	.29
Oct 12	<.005	.062	.70	<.005	<.005	.31
Oct 26	<.005	.065	.71	<.005	<.005	.29
Nov 9	<.005	.061	.70	<.005	<.005	.29
Nov 22	<.005	.062	.71	<.005	<.005	.29
Dec 16	<.005	.056	.86	<.005	<.005	.34
Dec 27	<.005	.054	.66	<.005	<.005	.30
1989						
Jan 11	<.005	.056	.66	<.005	<.005	.28
Jan 25	<.005	.054	.64	<.005	<.005	.26
Feb 8	<.005	.053	.67	<.005	<.005	.28
Feb 23	ND	.054	.68	ND	ND	.28
Mar 9*	.001	.051	.68	ND	.002	.31
Mar 22	.006	.051	.68	.002	ND	.25

\* Detection Limit .001 mg/l

11200985



DATE

WELL 31

WELL 35A

1989	FREE CN	TOTAL CN	FLUORIDE	FREE CN	TOTAL CN	FLUORIDE
Jan 11	<.005	.056	.66	<.005	<.005	.28
Jan 25	<.005	.054	.64	<.005	<.005	.26
Feb 8	<.005	.053	.67	<.005	<.005	.28
Feb 23	ND	.054	.68	ND	ND	.28
Mar 9*	.001	.051	.68	ND	.002	.31
Mar 22	.006	.051	.68	.002	ND	.25
Apr 13	.005	.056	.67	<.005	<.005	.29
Apr 27	<.005	.057	.70	<.005	<.005	.30
May 11	.005	.058	.68	<.005	<.005	.29
May 25	ND	.065	.67	ND	ND	.33
Jun 7	ND	.067	.68	ND	ND	.30
Jun 28	.015	.067	.67	ND	.005	.26
Jul 12	.006	.069	.72	ND	ND	.26
Jul 26	ND	.055	.70	ND	ND	.26
Aug 10	.003	.060	.77	.003	ND	.31
Aug 24	ND	.058	.77	ND	ND	.33
Sept 6	ND	.056	.77	ND	ND	.29
Sept 27	ND	.057	.71	ND	ND	.27
Oct 11	ND	.056	.81	ND	ND	.30
Oct 25	.004	.056	.77	ND	ND	.30
Nov 9	ND	.054	.74	ND	ND	.29
Nov 24	ND	.056	.71	ND	.003	.29
Dec 7	ND	.053	.82	ND	ND	.31
Dec 28	ND	.050	.69	ND	ND	.26
1990						
Jan 11	ND	.048	.79	ND	ND	.34
Jan 25	.00	.049	.76	ND	ND	.34
Feb 8	ND	.041	.79	ND	ND	.36
Feb 22	.01	.039	.65	ND	ND	.28
Mar 2	.002	.040	.60	ND	ND	.24
Mar 16	ND	.036	.61	ND	ND	.25
Mar 30	.002	.032	.61	ND	ND	.25
Apr 13	.002	.037	.63	ND	ND	.27
Apr 25	.002	.040	.60	ND	ND	.29
May 10	ND	.039	.62	ND	ND	.28
May 23	ND	.040	.67	ND	ND	.30
Jun 13	ND	.042	.67	ND	ND	.34
Jun 27	ND	.043	.68	ND	ND	.35
Jul 11	ND	.044	.63	ND	ND	.27
Jul 25	ND	.042	.60	ND	ND	.30
Aug 15	ND	.043	.62	ND	ND	.30
Aug 29	ND	.045	.60	ND	ND	.28
Sept 12	ND	.043	.64	ND	ND	.32
Sept 26	ND	.042	.63	ND	ND	.27
Oct 14	ND	.043	.68	ND	ND	.26
Oct 24	ND	.042	.62	.003	ND	.22
Nov 7	ND	.041	.66	.003	ND	.25
Nov 15	ND	.043	.62	.004	ND	.27
Dec 5	ND	.041	.69	ND	.004	.29
Dec 19	ND	.032	.66	ND	.004	.28
1991						
Jan 10	ND	.039	.60	ND	.006	.31
Jan 23	ND	.033	.60	ND	.006	.27
Feb 06				ND	.003	.22
Feb 20	.003	.036	.55	ND	.004	.26
Mar 06	.005	.036	.54	.005	.005	.26
Mar 20	ND	.035	.53	ND	ND	.28
Apr 10	ND	.035	.55	ND	ND	.26
Apr 24	ND	.036	.63	ND	ND	.27
May 10	.003	.039	.55	.005	ND	.26
May 24	.013	.036	.63	ND	ND	.27
Jun 05	ND	.042	.54	ND	ND	.27
Jun 19	ND	.045	.51	ND	ND	.27

\* Detection Limit .001 mg/l  
All Values mg/l

Resend of 11 FAX

DATE	WELL 31			WELL 35A			
	FREE CN	TOTAL CN	FLUORIDE		FREE CN	TOTAL CN	FLUORIDE
1991							
JAN 10	ND	.039	.60	ND	.006		.31
JAN 23	ND	.033	.60	ND	.006		.27
FEB 06	---	---	---	ND	.003		.22
FEB 20	.003	.036	.55	ND	.004		.26
MAR 06	.005	.036	.54	.005	.005		.26
MAR 20	ND	.035	.53	ND	ND		.28
APR 10	ND	.035	.55	ND	ND		.26
APR 24	ND	.036	.63	ND	ND		.27
MAY 10	.003	.039	.55	.005	ND		.26
MAY 24	.013	.036	.63	ND	ND		.27
JUN 05	ND	.042	.54	ND	ND		.27
JUN 19	ND	.045	.51	ND	ND		.27
JUL 10	ND	.044	.51	ND	.004		.27
JUL 24	ND	.041	.54	ND	ND		.29
AUG 07	.003	.045	.56	ND	.003		.32
AUG 21	ND	.048	.46	ND	ND		.27
SEP 04	ND	.046	.60	ND	.004		.27
SEP 18	.003	.027	.58	ND	ND		.27
OCT 09	ND	.051	.61	ND	.003		.25
OCT 23	ND	.049	.61	ND	.003		.24
NOV 06	ND	.052	.61	ND	.004		.24
NOV 20	ND	.049	.60	ND	.005		.27
DEC 04	ND	.037	.61	ND	ND		.25
DEC 18	ND	.037	.62	ND	.003		.23
1992							
JAN 08	ND	.037	.50	ND	ND		.25
JAN 22	ND	.035	.61	ND	ND		.27
FEB 05	ND	.034	.55	ND	ND		.26
FEB 19	.005	.040	.58	ND	.005		.24
MAR 04	.003	.042	.55	.003	.005		.27
MAR 18	.004	.039	.50	ND	ND		.24
APR 13	ND	.003	.58	ND	ND		.20
APR 22	.004	.032	.38	ND	ND		.22
MAY 06	.003	.035	.54	ND	ND		.24
MAY 20	ND	.036	.53	ND	ND		.25
JUN 03	ND	.037	.55	ND	ND		.25
JUN 17	.003	.036	.64	ND	ND		.32
JUL 08	.004	.036	.54	ND	ND		.29
JUL 22	ND	.036	.56	ND	ND		.25
AUG 05	ND	.034	.50	ND	ND		.22
AUG 19	ND	.035	.60	ND	ND		.26
SEP 02	.008	.033	.61	ND	.003		.24
SEP 16	ND	.034	.64	ND	.004		.27
OCT 07	ND	.037	.60	ND	ND		.26
OCT 21	ND	.033	.60	ND	ND		.30
NOV 04	ND	.032	.56	ND	ND		.26
NOV 18	---	---	---	ND	ND		.28
DEC 02	ND	.034	.54	ND	.003		.22
DEC 16	ND	.033	.49	ND	ND		.24



## WENATCHEE WORKS - ALCOA

DATE	WELL 31			WELL 35A		
	FREE CN	TOTAL CN	FLUORIDE	FREE CN	TOTAL CN	FLUORIDE
1993						
JAN 13	ND	.033	.81	ND	ND	.47
FEB 10	---	---	---	ND	ND	.59
MAR 10	ND	.025	.61	ND	ND	.39
APR 14	ND	.022	.52	--	--	--
MAY 15	ND	.021	.49	--	--	--
JUN 09	.003	.023	.45	--	--	--

Well 35A out of service for repairs